

# CorsairHMI Glossary

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CHMI\_Glossary.pdf – This Manual

## What it is

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Computer Properties

A disk file named with a '.cfg' extension that describes the characteristics of a computer to the Corsair program. Corsair uses this file to make many determinations as to how it should look and act.

Corrections

A version of the CorsairHMI program with specialized features for use in jails and prisons.

Corrections Intercom

An intercom with features that make it desirable for use in a prison. Typically, these include transfer of control, audio threshold monitoring, and multiple simultaneous talk paths.

Data Log

A CorsairHMI database item that specifies how the computer is to save data to a disk file or to print. A data log executes its task when it is triggered.

Data Source

A 'data source' usually refers to a device that the CorsairHMI program talks to. A Programmable Logic Controller (PLC) can be a data source.

Drawing

A drawing is an image made up of a collection of placements. A link to a drawing can be placed multiple times on a screen.

#### Driver

A portion of the CorsairHMI program that uses a protocol to communicate with a piece of equipment. Different driver types use different protocols.

#### DXF Import

Uses a DXF file that has been created by a CAD program to create a Corsair drawing.

#### Hook Code

One of four integer values associated with a placement. The value is written to a tag when the operator clicks on the screen. Most commonly used in corrections applications.

#### I/O Module

A screen image that the operator sees. It shows things in a standardized format. Frequently it looks like a PLC input or output module.

#### Intermodel driver

A driver that is used to communicate data between different models that are used by the same Corsair program.

#### MET – Mobile Equipment Tracking

A set of CorsairHMI features designed to work with a GPS to track things that are moving around.

#### Model

A CorsairHMI model is a disk file containing data records that describe what the program is to do for an installation. It contains descriptions of drivers, data sources, tags, screens, sheets, and several other items. Some versions of the Corsair program can utilize up to 100 models at the same time.

## Placement

A component of the image that is created on a drawing or a screen so that a human operator can see it. Lines, rectangles, text, and keys are types of placements. Each placement has a type and an action.

## Placement Action

The 'action' of a graphic placement determines what it does when an operator clicks on it with a mouse or touches it on a touchscreen. Some actions determine when the placement is visible and when it blinks.

## Placement Type

The 'type' of a graphic placement determines what it looks like on the computer screen. Types include lines, rectangles, ellipses, and text.

## Preferences

A disk file named 'corsair.pre' that describes how the developer prefers that the Corsair act while he is doing development work.

## Screen

A collection of graphic placements that is displayed for an operator to see and click on.

## Script

A CorsairHMI database item that specifies a series of steps. Each step corresponds to something that the computer is to do when the script is started.

## Sheet

A method for the CorsairHMI program to show words and numbers in a scrollable row and column format.

Tag

A tag is a storage location in computer memory that holds data while the Corsair program is running.

Tank

A placement type used to display a horizontal or vertical cylindrical tank with a varying liquid level.

TBT – Turn Back Time

A CorsairHMI feature where the computer attempts to show an operator what an interface screen looked at some time in the past.